WHAT IS CLAIMED IS:

1. A digital audio processor for sequential image conversion, the digital audio processor comprising:

a data buffer configured to temporarily store a portion of a digitized audio signal;

a pitch adjuster coupled to the output of the data buffer and configured to frequency shift the digitized audio signal to match a sequential image conversion rate; and

a formatter coupled to the output of the pitch adjuster and configured to manipulate the digitized audio signal to conform to an audio standard format.

2. The digital audio processor of Claim 1, further comprising an analog-to-digital converter configured to receive an analog audio signal and to produce the corresponding digitized audio signal.

3. The digital audio processor of Claim 1, wherein the formatter further comprises a digital-to-analog converter configured to present the digital audio processor output as an analog signal.

4. The digital audio processor of Claim 1, wherein the formatter is further configured to combine the audio signal in the audio standard format with images in a standard video, motion picture or multimedia format.

5. The digital audio processor of Claim 4, wherein the digital audio processor operates at a selected speed to support faster than real-time sequential image conversion.

6. The digital audio processor of Claim 4, wherein the digital audio processor operates at a selected speed to support faster than 24 frames-per-second image conversion.

7. A digital processor to process ancillary information with images during a sequential image conversion session, the digital processor comprising:

means for synchronizing the ancillary information with the images; and

means for formatting the ancillary information at a selected data rate and combining the formatted ancillary information with the images in a standard video, motion picture or multimedia format.

8. The digital processor of Claim 7, wherein the synchronization means comprise means for adjusting a data rate of the ancillary information in the form of a digital signal to achieve the selected data rate.

9. The digital processor of Claim 7, wherein the synchronization means comprise means for frequency shifting a digital signal to achieve the selected data rate that matches a sequential image conversion rate.

10. The digital processor of Claim 7, wherein the synchronization means comprise:

means for frequency shifting a digital signal to achieve the selected data rate that matches a sequential image conversion rate; and

means for adjusting a data rate of the ancillary information in the form of a digital signal to achieve the selected data rate.

11. The digital processor of Claim 7, wherein the synchronization means comprise means for converting the ancillary information in the form of an analog signal to a digital signal.

12. The digital processor of Claim 7, wherein the synchronization means comprise means for decoding the ancillary information in the form of encoded data and re-encoding the decoded data to achieve the selected data rate.

13. The digital processor of Claim 7, wherein the ancillary information is read from a peripheral device.

14. The digital processor of Claim 7, wherein the digital processor processes the ancillary information at a speed to support faster than real-time sequential image conversion.

15. The digital processor of Claim 7, wherein the digital processor processes the ancillary information at a speed to support faster than 24 frames-per-second film conversion.

16. The digital processor of Claim 7, wherein the ancillary information is sound.

17. The digital processor of Claim 7, further comprising means for converting the combination of ancillary information and images to analog domain.

18. The digital processor of Claim 7, wherein the digital processor is used to synchronize selected metadata information with the images.

19. A method of synchronizing audio with images during a sequential image conversion session, the method comprising:

converting an analog input signal to a digital signal;

buffering the digital signal for processing;

frequency shifting the digital signal to achieve a selected data rate to match a sequential image conversion rate;

formatting the digital signal at the selected data rate to produce a digital audio file conforming to a standard audio format; and

combining the digital audio file with digital images conforming to a standard video, motion picture or multimedia format.

20. A method of synchronizing audio with images during a sequential image conversion session, the method comprising:

buffering a digital audio signal for processing;

formatting the digital audio signal at a selected data rate to produce a digital audio file conforming to a standard audio format; and

combining the digital audio file with digital images conforming to a standard video, motion picture or multimedia format.

21. The method of Claim 20, further comprising frequency shifting the digital audio signal to achieve the selected data rate to match a sequential image conversion rate.